

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for automatically discovering web services comprising:

querying a known UDDI server address by a networked lightweight CE device via a structured UDDI query, wherein the structured UDDI query by the networked CE device includes the use of a unique identity of indicative that a web service that is compliant with a particular web service standard interface which is supported and understood by the networked lightweight CE device, the known UDDI server at the UDDI server address containing a list of web services, and further wherein the list of web services includes one or more distinct web services that are compliant with the particular web service standard interface and which can be successfully used by the networked lightweight CE device to implement at least one of providing data to the networked lightweight CE device and enhancing a functionality of the networked lightweight CE device;

identifying from said list in response to the structured UDDI query the compliant web services; and

automatically downloading via a structured response to the networked lightweight CE device at least one machine readable description of a distinct web service from the list of identified compliant web services.

2. (Previously Presented) A method according to claim 1, said method being carried out periodically by the networked CE device, without user interaction.

3. (Previously Presented) A method according to claim 1, wherein said querying

comprises transmitting the structured query in a predefined format, and wherein said structured query contains a specific request, thereby limiting the type of compliant web service identified.

4. (Previously Presented) A method according to claim 3, wherein said structured query contains a request for TV Anytime services, said structured query further including an element specifying a set of taxonomies to which said identified compliant web service must conform.

5. (Original) A method according to claim 4, wherein said set of taxonomies is at least one of authority name, broadcast service, genre, content format, service usage rights, table types and queryable fields.

6. (Previously Presented) A method according to claim 3, and further comprising responding to said querying with a response comprising the list of compliant web services.

7. (Currently Amended) A method according to claim 6, and further comprising selecting via said networked lightweight CE device a web service from said list of compliant web services and communicating the selected web service to said UDDI server address.

8. (Currently Amended) Apparatus for automatically discovering web services comprising:

communicating means for querying a known UDDI server address containing a list of web services, wherein querying includes using a structured UDDI query by a networked lightweight CE device, the structured UDDI query including use of a unique identity of indicative that a web service that is compliant with a particular web service standard interface which is supported and understood by the networked lightweight CE

device, and further wherein the list of web services includes one or more distinct web services that are compliant with the particular web service standard interface and which can be successfully used by the networked lightweight CE device to implement at least one of providing data to the networked lightweight CE device and enhancing a functionality of the networked lightweight CE device; and

identifying from said list in response to the structured UDDI query the compliant web services, said communicating means further being arranged to automatically download via a structured response to the networked lightweight CE device at least one machine readable description of a distinct web service from the list of identified compliant web services.

9. (Currently Amended) Apparatus according to claim 8, said apparatus comprising the networked lightweight CE device, and said communicating means periodically carrying out said querying without user interaction.

10. (Previously Presented) Apparatus according to claim 8, wherein said communicating means queries said UDDI server address by transmitting the structured query in a predefined format and wherein said communicating means is further arranged to include in said structured query a specific request, thereby limiting the type of compliant web service identified.

11. (Previously Presented) Apparatus according to claim 10, wherein said structured query contains a request for TV Anytime services, said structured query further including an element specifying a set of taxonomies to which said identified compliant web service must conform.

12. (Original) Apparatus according to claim 11, wherein said set of taxonomies is at least one of authority name, broadcast service, genre, content format, service usage

rights, table types and queryable fields.

13. (Previously Presented) Apparatus according to claim 8, and further comprising a user interface for displaying information and for receiving user instructions.

14. (Previously Presented) Apparatus according to claim 13, wherein said user interface is arranged to display the list of compliant web services and to receive a user selection of one or more of the displayed compliant web services.

15. (Currently Amended) A method for automatically discovering TV Anytime web services comprising:

querying a known UDDI server address by a networked lightweight CE device via a structured UDDI query, wherein the structured UDDI query ~~by the networked CE device~~ includes the use of a unique identity of indicative that a web service that is compliant with a particular web service standard interface which is supported and understood by the networked lightweight CE device, the known UDDI server at the UDDI server address containing a list of web services, and further wherein the list of web services includes one or more distinct web services that are compliant with the particular web service standard interface and which can be successfully used by the networked lightweight CE device to implement at least one of providing data to the networked lightweight CE device and enhancing a functionality of the networked lightweight CE device;

identifying from said list in response to the structured UDDI query the compliant web services; and

automatically downloading via a structured response to the networked lightweight CE device at least one machine readable description of a distinct web service from the list of identified compliant web services, said querying comprises transmitting the structured query in a predefined format, said structured query further including an

element specifying a set of taxonomies to which said identified compliant web service must conform.

16. (Original) A method according to claim 15, wherein said set of taxonomies is at least one of authority name, broadcast service, genre, content format, service usage rights, table types and queryable fields.

17. (Currently Amended) Apparatus for automatically discovering TV Anytime web services comprising:

communicating means for querying a known UDDI server address containing a list of web services, wherein querying includes using a structured UDDI query by a networked lightweight CE device, the structured UDDI query including use of a unique identity of indicative that a web service that is compliant with a particular web service standard interface which is supported and understood by the networked lightweight CE device, and further wherein the list of web services includes one or more distinct web services that are compliant with the particular web service standard interface and which can be successfully used by the networked lightweight CE device to implement at least one of providing data to the networked lightweight CE device and enhancing a functionality of the networked lightweight CE device; and

identifying from said list in response to the structured UDDI query the compliant web services, said communicating means further being arranged to automatically download via a structured response to the networked lightweight CE device at least one machine readable description of a distinct web service from the list of identified compliant web services, wherein said communicating means queries said UDDI server address by transmitting the structured UDDI query in a predefined format, said structured UDDI query further including an element specifying a set of taxonomies to which said identified compliant web service must conform.

18. (Original) Apparatus according to claim 17, wherein said set of taxonomies is at least one of authority name, broadcast service, genre, content format, service usage rights, table types and queryable fields.